(1D)

BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

T.DASARAHALLI-SUB-DIVISION.

Name of Work :-Improvments to roads and drains at MHR & Bhoomika Layout in Ward -14, Bagalagunte

Est.Cost: 30.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

ame of Work: Improvments to roads and drains at MHR & Bhoomika Layout in Ward -14, Bagalagunte

							Est. Cost Rs	30.00	Lakhs
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in **Ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.138/I.19.1 PW, P & IWTD - SR 2014-15)	Cum							
	Desilting of drains		2	364.00	0.45	0.40	131.04		
			1	6.00	2.20	1.00	13.20		
	Basic Rate	70.00					**144.24**	75.60	**10905.00**
	Add Area Weightage 8%	5.60							
	Total	**75.60**							
2	KSRB 5.2-2 Providing and constructing **granite / trap /** basalt rubble stone masonry in foundation with Cement mortar 1:8, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23/ Item No. 5.5/ PWD SR 2014-15								
			2	6.00	0.60	0.45	3.24		
			2	6.00	0.45	0.60	3.24		
	Basic Rate	3406.00					**6.48**	3678.48	**23837.00**
	Add Area Weightage 8%	272.48							
	Total	3678.48							
3	**Removing B.S.Slab** of drain and stacking etc., complete Page No. 25/ Item No. 5.32/ PWD SR 2014-15	Sqm							
			2	364.00	0.90		655.20		
		Consider 60% Qty					**393.12**	58.32	**22927.00**
	Basic Rate	54.00							
	Add Area Weightage 8%	4.32							
	Total	58.32							

	KSRB 4-1.3: Providing and laying in position **plain** cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2014-15)	Cum							
			2	364.00	0.50	0.15	54.60		
			4	364.00	0.20	0.15	43.68		
	Basic Rate	4488.00					**98.28**	4847.04	**476367.00**
	Add Area Weightage 8%	359.04							
	Total	4847.04							
5	KSRB 4-6.4 : Providing and removing **centering** shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (Page No.15, Item No. 4.31) PWD - SR 2014-15)	Sqm							
			1	6.00	1.2		**7.20**	287.26	**2068.00**
	Basic Rate	271.00							
	Add 6% A.W	16.26							
	TOTAL	287.26							
6	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix **M1:2:4 with** cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6) PW, P & IWTD - SR 2014-15)	Cum							
			2	364.00	0.50	0.075	27.30		
			4	364.00	0.20	0.05	14.56		
			1	6.00	2.00	0.30	3.60		
	Basic Rate	4933.00					**45.46**	5327.64	**242195.00**
	Add Area Weightage 8%	394.64							
	Total	5327.64							
7	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. for TMT Bars Fe 500 Specification No.KBS 4.6.3 (Page No 17; Item No 4.46.2) 2014-15	Tonn							
	100 Kg/ Cumx3.6		1	100.00	3.60		**0.36**	76900.88	**27684.00**

	Basic Rate	72548.00							
	Add 6% A.W	4352.88							
	TOTAL	76900.88							
	KSRB [illegible]8.2: Providing **Two line dressing** to granite stone slab as per sepcification (P.24/I.5.18) PW, P & IWTD - SR 2014-15)	**Sqm**							
			1	40.00	0.90		**36.00**	851.04	**30637.00**
	Basic Rate	788.00							
	Add Area Weightage 8%	63.04							
	Total	**851.04**							
9	**Refixing stone slabs** of drains and pointing in CM 1:3 etc complete Page No. 25/ Item No.5.33/ PWD SR 2014-15	**Sqm**							
			Qty Vide Iteam No 2				**393.12**	75.60	**29720.00**
	Basic Rate	70.00							
	Add Area Weightage 8%	5.60							
	Total	**75.60**							
10	**Providing Granite slabs** selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick (P. 27 I. 5.31.1) Page No. 25/ Item No. 5.31.1/ PWD SR 2014-15	**Sqm**							
			Qty vied Item No 03				655.20		
			Deduct Availabe Qty Vide Iteam No 3				393.12		
	Basic Rate	592.00					**262.08**	639.36	**167563.00**
	Area Weightage 8%	47.36							
	Total	**639.36**							
11	KSRB 5-14 : Providing and constructing precast **concrete solid blocks** with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size **40x20x20** cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **Page No. 25/ Item No. 5.27/ PWD SR 2014-15**	**Sqm**							
			4	364.00	0.40		582.40		
			2	15.00	0.80		24.00		
	Basic Rate	920.00					**606.40**	993.60	**602519.00**
	Add Area Weightage 8%	73.60							
	Total	**993.60**							
12	Supplying and fixing **precast** rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm							
			2	364.00	0.90		655.20		
	Data Rates Approved by CE DZ enclosed						**655.20**	1600.00	**1048320.0**

	sal of debris to the final place of disposal with ad and lift and as direction by the engineer in ge of the work, lead 4 Km a) Basic rate for ntage of materials as per item No. 17.4/KSRRB : 00-4 ..... Rs. 2.00 Tonne/Km b) Average earth work 28 Tonne/Km for Rs. 2.00/Km c) Add oading and unloading **Page No. 150 Item No. 17.1 PWD SR 2013-14**	Cum					144.24		11308
			Qty Vide Item No. 1				~~123.72~~	78.24	~~9680.00~~
	Loading and Unloading Charges	62.20							
	Lead 4 KMs 2x1.28x4	10.24							
		72.44							
	Area Weightage @ 8%	5.80							
	Total	**78.24**							3948
18	KRIDL & Quality control Test Charges 1%					1 S			300000.00
19	Miscellaneous and UnforessenCharges					1 S			~~1716.00~~
								Total	3000000.00

(Rupees. Thirty Lakhs Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary

2 The Estimate is prepared as per the PW,P & IWTD -SR-2014-15

3 The Provision made in estimate are adequate and essential.

4 This area comes under BBMP limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

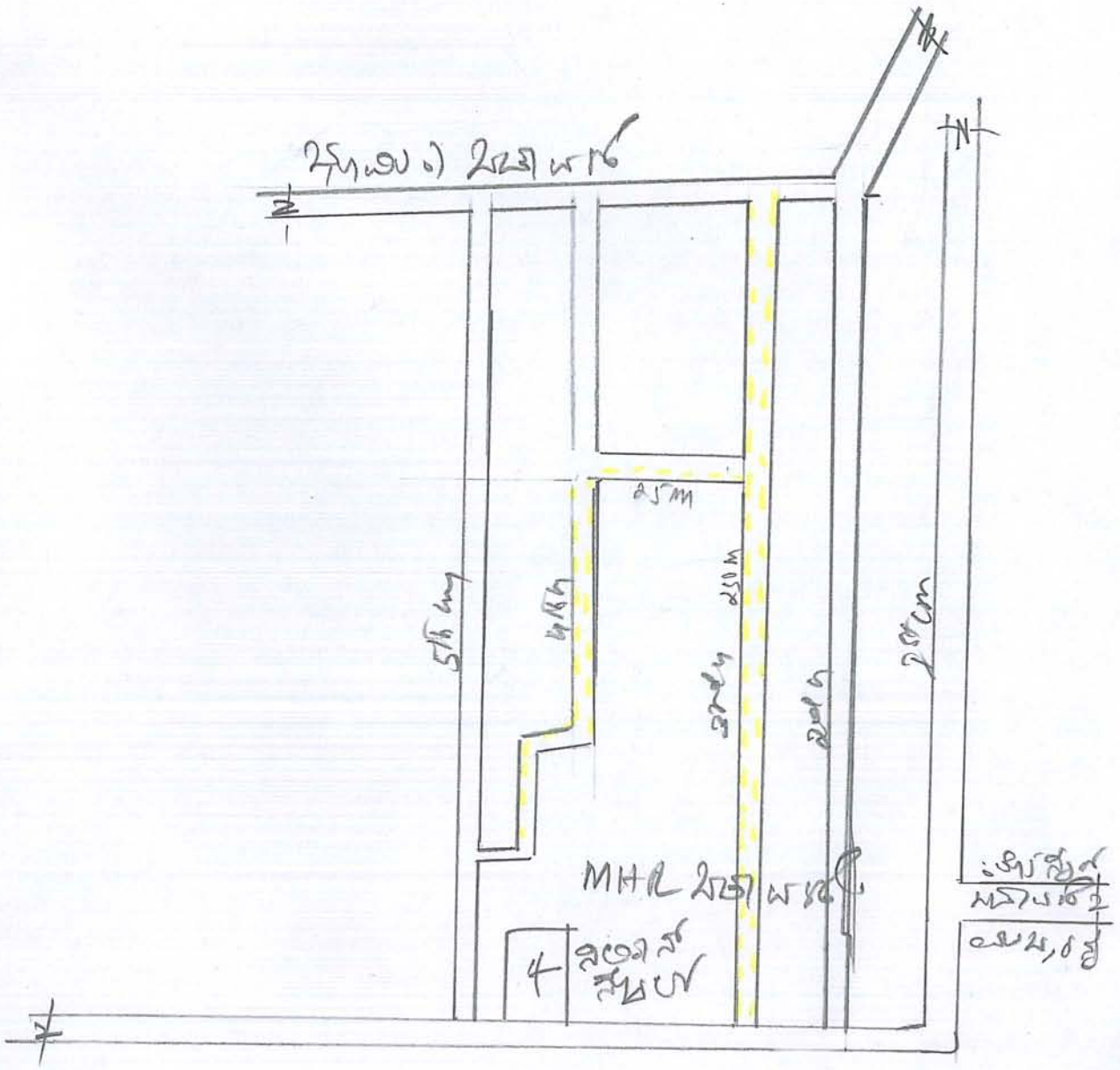
Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

CE/DZ/AS/125/14-15
ನಂ. B 23 ದಿನಾಂಕ : 17/01/2015
ರೂ. 30,00,000/- (ಮೂವತ್ತು ಲಕ್ಷ ರೂ.)
.....ಗಳ
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

CE/DZ/TS/86/14-15
ನಂ. 78 ದಿನಾಂಕ : 17/01/2015
ರೂ. 30,00,000/- (ಮೂವತ್ತು ಲಕ್ಷ ರೂ.)
.....ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

(5)

Name of work :- Improvement to roads and drain at MHR & Bhoomika layout in ward No 19



locality of work spot

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073